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Adjustment Device for Furniture Fittings

C l a i m s

1. Adjustment device for furniture fittings with a fixing screw (5) that protrudes through an elongated hole (9) extending in adjustment direction of a fitting plate (2) with the fixing screw extending through a bore (6) of a rotating disc (4) that is arranged in a pivotable manner on the outer side (3) of said fitting plate (2) wherein the bore (6) for the fixing screw (5) is arranged in the center of the rotating disc (4), the rotating disc (4) is arranged on the fitting plate (2) in a manner that allows for height adjustment and the rotating disc (4), on its inner side (15) that faces the fitting plate (2), has a spiral-shaped guiding groove (16) into which a guiding body (17) that is connected to the fitting plate (2) is engaged.
2. Adjustment device according to claim 1 wherein the rotating disc (4) has a collar (8) that fits into the elongated hole (9) and surrounds the central bore (6).
3. Adjustment device according to claim 1 wherein the rotating disc (4) on its outer side (10) facing away from the fitting plate (2) has a tooling shoulder (11).

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4. Adjustment device according to claim 3 wherein the tooling shoulder (11) is a profile recess for a screw driver and is eccentrically arranged relative to the axis of rotation of the rotating disc (4).
5. Adjustment device according to claim 4 wherein the profile recess is a crosstip recess (11) for a crosstip screwdriver.
6. Adjustment device according to claim 1 wherein the rotating disc (4) has a protruding circumferential collar (12) around its circumference that is overlapped by two lateral guide brackets (13, 14) that are connected to the fitting plate (2).
7. Adjustment device according to claim 6 wherein the guide brackets (13, 14) are sheet steel tongues that are punched out from the fitting plate (2) and are bent at a right angle.
8. Adjustment device according to claim 1 wherein the guiding body is a ball (17) inserted into an indentation (18) of the fitting plate (2).
9. Adjustment device according to claim 8 wherein the ball (17) extends approximately halfway into the guiding groove (16) and the cross-section of the guiding groove (16) is semi-spherical.

10. Adjustment device according to claim 1 wherein the guiding groove (16) extends over a circumferential angle of more than 360°.
11. Use of an adjustment device according to one of the claims 1 – 11 as a height adjustment device at the end of a pullout drawer (1).
12. Use of an adjustment device according to one of the claims 1 – 11 as a height adjustment device of an angle bracket (19) of a furniture front plate (20).
13. Use of an adjustment device according to one of the claims 1 – 11 as a length adjustment device on one of two legs of a fitting angle in which case the adjustment direction extends at a right angle relative to the other leg of said fitting angle.